PENDING CLAIMS AS AMENDED

Please amend the claims as follows:

1.   (Currently amended) A system comprising:

a ~~processor~~ signal strength indicator configured to detect when a wireless mobile unit is in a high data rate, code division multiple access (CDMA) area by determining whether a strength of a high data rate carrier signal broadcast by a base station exceeds a predetermined level[[,]];

[[said]] a processor being configured to determine a need for exchanging data between said wireless mobile unit and [[a]] the base station; and

a data burst optimizer configured to automatically exchange said data between said wireless mobile unit and said base station at a high data rate using code division multiple access when the ~~processor~~ signal strength indicator detects said wireless mobile unit is in said high data rate, code division multiple access area, and the processor determines a need for exchanging data between the wireless mobile unit and the base station.

2.   (Currently amended) The system of claim 1 wherein said processor invokes said data burst optimizer to automatically exchange said data between said wireless mobile unit and said base station when said wireless mobile unit is in said high data rate CDMA area.

3.   (Currently amended) The system of claim [[2]] 1, wherein said data burst optimizer is configured to continuously detect when said wireless mobile unit is in said high data rate CDMA area.

4.   (Currently amended) The system of claim [[2]] 1, wherein said data burst optimizer transmits a logon name and password to said base station to authenticate said wireless mobile unit.

5.   (Original) The system of claim 3 wherein said data burst optimizer is configured to stop exchanging said data between said wireless mobile unit and said base station when said wireless mobile unit is not in said high data rate area.

6.   (Currently amended) A wireless communication system comprising:

        means for detecting when a wireless mobile unit is in an HDR (High Data Rate), code division multiple access (CDMA) area by determining whether a strength of a high data rate carrier signal broadcast by a base station exceeds a predetermined level;

        means for determining a need to exchange data between said wireless mobile unit and [[a]] the base station; and

        means for automatically exchanging said data between said wireless mobile unit and said base station at a high data rate using code division multiple access when the wireless mobile unit is in said high data rate, code division multiple access area, and there is a need for exchanging data between the wireless mobile unit and the base station.

7.   (Currently amended) The wireless communication system of claim 6 wherein said detecting determining means invokes said exchanging means to automatically exchange said data when said wireless mobile unit is in said high data rate CDMA area.

8.   (Currently amended) The wireless communication system of claim 6 wherein said detecting determining means invokes said exchanging means to automatically exchange said data when said wireless mobile unit is in said high data rate CDMA area and when said determining means determines said need to exchange said data between said wireless mobile unit and said base station.

9.   (Currently amended) The wireless communication system of claim [[7]] 6 wherein said exchanging means continuously detects when said wireless mobile unit is in said high data rate CDMA area.

10. (Currently amended) The wireless communication system of claim [[7]] 6 wherein said exchanging means transmits a logon name and password to said base station to authenticate said wireless mobile unit.

11. (Original) The wireless communication system of claim 9 wherein said exchanging means stops an exchange of said data between said wireless mobile unit and said base station when said wireless mobile unit is not in said high data rate area.

12. (Currently amended) A method for exchanging data between a wireless mobile unit and a base station, said method comprising:

detecting when said wireless mobile unit is in a high data rate, code division multiple access (CDMA) area by determining whether a strength of a high data rate carrier signal broadcast by the base station exceeds a predetermined level;

determining a need for exchanging said data between said wireless mobile unit and said base station;

invoking a data burst optimizer to synchronize an exchange of said data between said wireless mobile unit and said base station when there is a need for exchanging data between said wireless mobile unit and [[a]] said base station; and

automatically exchanging said data between said wireless mobile unit and said base station at a high data rate using code division multiple access when said wireless mobile unit is in said high data rate, code division multiple access area.

13. (Previously presented) The method of claim 12 further comprising:

transmitting a logon name and password to said base station to authenticate said wireless mobile unit after said invoking and prior to said exchanging.

14. (Previously presented) A method for exchanging data between a wireless mobile unit and a base station, said method comprising:

detecting when said wireless mobile unit is in a high data rate area;

determining a need for exchanging said data between said wireless mobile unit and said base station;

invoking a data burst optimizer to synchronize an exchange of said data between said wireless mobile unit and said base station;

exchanging said data between said wireless mobile unit and said base station when said wireless mobile unit is in said high data rate area;

invoking an application database in said wireless mobile unit; and

authenticating at least one application in said application database with said base station.

15.   (Currently amended) The method of claim 12 further comprising:

pinging said base station to detect when said wireless mobile unit is in said high data rate, code division multiple access area after said invoking and prior to said exchanging.

16.   (Previously presented) The method of claim 15 wherein said pinging is performed by said data burst optimizer.

17.   (Currently amended) A method for exchanging data between a wireless mobile unit and a base station, said method comprising:

detecting when said wireless mobile unit is in a high data rate, code division multiple access (CDMA) area by determining whether a strength of a high data rate carrier signal broadcast by the base station exceeds a predetermined level;

determining a need to exchange data between said wireless mobile unit and said base station;

invoking a data burst optimizer to synchronize an exchange of said data between said wireless mobile unit and said base station;

transmitting a logon name and password from said wireless mobile unit to said base station to authenticate said wireless mobile unit; and

automatically exchanging said data between said wireless mobile unit and said base station at a high data rate using code division multiple access when said wireless mobile unit is in said high data rate, code division multiple access area.

18.   (Previously presented) A method for exchanging data between a wireless mobile unit and a base station, said method comprising:

 detecting when said wireless mobile unit is in a high data rate area;

 determining a need to exchange data between said wireless mobile unit and said base station;

 invoking a data burst optimizer to synchronize an exchange of said data between said wireless mobile unit and said base station;

 transmitting a logon name and password from said wireless mobile unit to said base station to authenticate said wireless mobile unit;

 exchanging said data between said wireless mobile unit and said base station when said wireless mobile unit is in said high data rate area;

 invoking an application database in said wireless mobile unit after said transmitting; and

 authenticating at least one application in said application database with said base station prior to said exchanging.

19.   (Currently amended) The method of claim 17 further comprising:

 pinging said base station to detect when said wireless mobile unit is in said high data rate, code division multiple access area after said invoking and prior to said transmitting.

20.   (Previously presented) The method of claim 19 wherein said pinging is performed by said data burst optimizer.

21.   (Previously presented) The method of claim 17 wherein said invoking is performed by a processor in said wireless mobile unit.

22.   (Previously presented) A method for exchanging data between a wireless mobile unit and a base station, said method comprising:

 detecting when said wireless mobile unit is in a high data rate area;

determining a need to exchange data between said wireless mobile unit and said base station;

invoking a data burst optimizer to synchronize an exchange of said data between said wireless mobile unit and said base station;

transmitting a logon name and password from said wireless mobile unit to said base station to authenticate said wireless mobile unit;

invoking an application database in said wireless mobile unit;

authenticating at least one application in said application database with said base station; and

exchanging said data between said wireless mobile unit and said base station when said wireless mobile unit is in said high data rate area.

23.   (Previously presented) The method of claim 22 further comprising:

pinging said base station to detect when said wireless mobile unit is in said high data rate area after said invoking said data burst optimizer and prior to said transmitting.

24.   (Previously presented) The method of claim 23 wherein said pinging is performed by said data burst optimizer.

25.   (Previously presented) The method of claim 22 wherein said invoking said data burst optimizer is performed by a processor in said wireless mobile unit.

26.   (Currently amended) A computer readable medium including a computer program, said computer program implementing a method for exchanging data between a wireless mobile unit and a base station, said computer program comprising:

a first code segment for detecting when said wireless mobile unit is in a high data rate, code division multiple access (CDMA) area by determining whether a strength of a high data rate carrier signal broadcast by the base station exceeds a predetermined level;

a second code segment for determining a need for exchanging said data between said wireless mobile unit and said base station;

a third code segment for invoking a data burst optimizer to synchronize an exchange of said data between said wireless mobile unit and said base station; and

a fourth code segment for <u>automatically</u> exchanging said data between said wireless mobile unit and said base station <u>at a high data rate using code division multiple access</u> when said wireless mobile unit is in said high data rate<u>, code division multiple access</u> area.

27.   (Original) The computer readable medium of claim 26 wherein said computer program further comprises:

a fifth code segment for transmitting a logon name and password to said base station to authenticate said wireless mobile unit.

28.   (Previously presented) A computer readable medium including a computer program, said computer program implementing a method for exchanging data between a wireless mobile unit and a base station, said computer program comprising:

a first code segment for detecting when said wireless mobile unit is in a high data rate area;

a second code segment for determining a need for exchanging said data between said wireless mobile unit and said base station;

a third code segment for invoking a data burst optimizer to synchronize an exchange of said data between said wireless mobile unit and said base station;

a fourth code segment for exchanging said data between said wireless mobile unit and said base station when said wireless mobile unit is in said high data rate area;

a fifth code segment for transmitting a logon name and password to said base station to authenticate said wireless mobile unit;

a sixth code segment for invoking an application database in said wireless mobile unit; and

a seventh code segment for authenticating at least one application in said application database with said base station.

29.   (Original) The computer readable medium of claim 28 wherein said computer program further comprises:

an eighth code segment for pinging said base station to detect when said wireless mobile unit is in said high data rate area.

30.   (Canceled)

31.   (Canceled)

32.   (Previously presented) The method of Claim 12, wherein said exchanging data occurs at a speed of 2.4 Megabits per second (Mbps).